

## Additional File 3

### A Comparison of Bed Need Computation By State

State	Planning Interval	Unit of Analysis	Data Needed	Excluded Variables	Method of Projection	Population Data Source	C.O.N. State
Michigan	Base + 5 Years	Zip Code	Base year, population estimates	Newborns, Psych	Proprietary Model	Commercial	Yes (DCH)
Illinois	Base + 10 Years	40 Planning Areas, 6 Regions	Base year, previous 2 years patient-days by age group	N/A	Linear model from population estimates 10 years from base year	Statewide population projections	Yes (DPH)
Indiana	N/A	Hospital Owners	Market Forces	N/A	N/A	N/A	No
Iowa	Base (most recent survey) + 10 Years	County	Base year, patient-days by age group	N/A	Linear model from population estimates 10 years from base year	State Census & Iowa Dept. of Economic Development	Yes (DPH)
New York	Base + 5 Years	County, Peer Groupings	Base year, previous 5 years pop. by age group and sex	Newborns, Psych, burns, medical rehab, HIV/AIDS	Linear model from County projections	US Census & NYS Dept of Economic Development	Yes (DoH)